Great Britain

CONTENTS OF VOLUME 37

Number 1

Effects of Contaminated Sediments on Viability, Length, DNA and Protein Content of Larval Surf Smelt, <i>Hypomesus pretiosus</i> . D. A. MISITANO, E. CASILLAS & C. R. HALEY (USA)	1
Toxicity of Sewage Sludge to Marine Organisms: A Review M. J. COSTELLO & P. READ (UK)	23
The Effect of Salinity on Cadmium Toxicity in the Estuarine Mysid Mysidopsis bahia: Roles of Osmoregulation and Calcium P. F. DE LISLE & M. H. ROBERTS JR (USA)	47
Organic Contaminants in Winyah Bay, South Carolina I: Pesticides and Polycyclic Aromatic Hydrocarbons in Subsurface and Microlayer Waters J. R. KUCKLICK & T. F. BIDLEMAN (USA)	63
Organic Contaminants in Winyah Bay, South Carolina II: Using Natural Fluorescence to Follow Atrazine Levels and River Mixing. J. R. KUCKLICK & T. F. BIDLEMAN (USA)	79
Number 2	
Guest Editorial	93
Deposition of Drilling Particulates off Point Conception, California D. A. COATS (USA)	95
Temporal and Spatial Changes in the Concentrations of Hydrocarbons and Trace Metals in the Vicinity of an Offshore Oil-Production Platform . M. STEINHAUER, E. CRECELIUS & W. STEINHAUER (USA)	129
Spatial Variation in Hard-Bottom Epifauna in the Santa Maria Basin, California: The Importance of Physical Factors	165
Environmental Impact of Offshore Oil Development on the Outer Continental Shelf and Slope off Point Arguello, California	195
Announcement	231
Marine Environ. Res. (37) (1994)—© 1994 Elsevier Science Limited, England. Pri	nted in

Number 3

Sewage Sludge Disposal and Winter Flounder, Red Hake, and American 233 F. W. STEIMLE (USA) Survival and Growth of Post-Set Oysters and Clams on Diets of Cadmium-257 G. H. WIKFORS, J. W. TWAROG, JR, G. E. FERRIS, B. C. SMITH & R. UKELES (USA) Liver Microsomal Mono-Oxygenase Induction in Winter Flounder (Pseudopleuronectes americanus) from a Gradient of Sediment PAH concentrations at Sydney Harbour, Nova Scotia 283 R. F. ADDISON, D. E. WILLIS & M. E. ZINCK (Canada) Toxic Effects of the Insecticide Diflubenzuron (Dimilin®) on Survival and Development of Nauplii of the Estuarine Copepod, Eurytemora affinis 297 J. D. SAVITZ, D. A. WRIGHT & R. A. SMUCKER (USA) Sediment- and Aqueous-Phase Fenvalerate Effects on Meiobenthos: Implications for Sediment Quality Criteria Development 313 G. T. CHANDLER, B. C. COULL & J. C. DAVIS (USA) **Book Review** Water Quality Modelling. Edited by R. A. Falconer, Ashgate, Aldershot, 1992 . 329 (Reviewed by R. G. Wood) Number 4 Effects of Sewage Sludge Exposure on Growth, Feeding and Protein Synthesis of Dab (Limanda limanda (L.)). 331 D. F. HOULIHAN, M. J. COSTELLO, C. J. SECOMBES, R. STAGG & J. BRECHIN (UK) The Nature and Function of the Brown Cell in Crassostrea virginica . 355 G. ZAROOGIAN & P. YEVICH (USA) Distribution of Sedimentary Phosphorus in Gulf of Mexico Estuaries 375 W. HUANZIN (China), B. J. PRESLEY & D. ARMSTRONG (USA) The use of the 234Th/238U Disequilibrium in Studying Surf-Zone Sediment Processes in the Eastern Irish Sea 393 C. L. ROSE, W. A. MCKAY & J. TOOLE (UK) **Short Communication** Occurance of the Toxic Diatom Nitzschia pungens f. multiseries in Massachusetts Bay, Massachusetts, USA. 417 T. A. VILLAREAL, D. L. ROELKE & G. A. FRYXELL (USA)

